NT 800-2 – flexible tester for railcars

**System design:**
- Distributed test systems consist of a base unit (control unit and measurement electronics) and TPUs (Test Point Units), which contain the test points. The remote controlled TPUs can be arranged as satellites around the UUT.
- High modularity in hardware and software
- Later test point expansion on “plug and play” principle
- Large variety of application specific test point interfaces

**System benefit:**
- Process optimization by reduction of cycle times and track occupation time
- Reduction of serial production costs
- Verifiable coverage of the relevant standards, e.g. DIN EN 50343 / EN 50155
- Reduction of the adapter cable lengths up to 70 %

**Usage especially for the test of large scale UUTs**
- Pre-fabrication and initial operation of railcars, locomotives, coupled carriages etc.
- Supplying industry of vehicle components like cable ducts, switchboards, mounting plates, driver desks etc.
- Flexible usage inside the test facility; centralized and decentralized arrangement of TPUs possible

**Ensuring of your product quality by high system availability**

The high reliability of the adaptronic test systems, our quick response service and more than 30 years of experience make a convincing contribution to the quality assurance of your products.
Mixed matrix operation:
Cost optimization by integration of different test voltage levels in one overall system
Possible test voltages: 1500 VDC / 1060 VAC, 2150 VDC / 1500 VAC, 2830 VDC / 2000 VAC, 3750 VDC / 2650 VAC, 5100 VDC / 3600 VAC, 6000 VDC / 5000 VAC etc.
NT 800-2 Possibilities (Excerpt)

- **Function test**
  - Insulation test (double)
    - up to 6000 VDC / 5000 VAC

- **External programming station**

- **Mobile operating panel**

- **Remote maintenance**

- **Intelligent adapter cables**

- **Test Point Interfaces**
  - selectable

- **Insulation test (double)**

- **Open Wire Probe OWP02**

- **Fault location and repair**

- **Reporting**
  - Documentation
  - Measurement values
  - Temperature
  - Humidity

- **Data import**

- **Testing and programming with NT Control**

- **Printer**

- **File**

© Copyright 2017, adaptronic Prüftechnik GmbH. All rights reserved. All mentioned features and functions are subjects to change. This document is only for information. Images contain options. adaptronic is a word-brand of adaptronic Prüftechnik GmbH. Mentioned brands and trademarks are property of the respective brand owners.